



Commonwealth of Kentucky
Transportation Cabinet
Frankfort, Kentucky 40622

James C. Codell, III
Secretary of Transportation

Paul E. Patton
Governor

Clifford C. Linkes, P.E.
Deputy Secretary

June 20 2003

PCN 03-0462
Change # 1

Subject: Barren County, FD04 005 0068 010-013
Letting June 27, 2003

Listed below are the enclosed changes on the subject project:

- (1) Revised - Scope of Work - Added G & H
- (2) Revised - Special Notes Applicable to Project
- (3) Revised - Bid Items

If you obtained bid items from our Website, it is imperative that you download a new set of bid items before submitting them for bidding.

Your bid, to be considered, must be based upon the above-mentioned changes, and these changes are to be made a part of the bid proposal, which you submit to the Kentucky Department of Highways.

Specimen proposals may not be used for bidding purposes.

If you have any questions, please contact us at (502) 564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rick Stansel".

Rick Stansel
Director
Division of Contract Procurement

Enclosures
RS:ks



KENTUCKY TRANSPORTATION CABINET
"PROVIDE A SAFE, EFFICIENT, ENVIRONMENTALLY SOUND, AND FISCALLY RESPONSIBLE TRANSPORTATION SYSTEM
WHICH PROMOTES ECONOMIC GROWTH AND ENHANCES THE QUALITY OF LIFE IN KENTUCKY."
"AN EQUAL OPPORTUNITY EMPLOYER M/F/D"

PART I

SCOPE OF WORK

1. Project Detail

- | | |
|--------------------------------------------------------------------------------------------------------|----------|
| a. See Road and/or Bridge Plans | |
| b. Special Notes Applicable to Project | Attached |
| c. Supplemental Specifications | Attached |
| d. Special Note for Utility Clearance | Attached |
| e. Department of the Army Corps of Engineers Nationwide Permit Authorization | |
| AND | |
| Division of Water, Section 401, Water Quality Certification Application | Attached |
| f. Water and Sewer Relocation for Glasgow Outer Loop Phase II | Attached |
| g. Special Note Material Transfer Vehicle (1-1-2000)[9Y] | * |
| h. Special Note for Acceptance of Density of Longitudinal Joints in Asphalt Surface Pavements (6-4-02) | Attached |
| i. Special Note for Soil Embankment and Subgrade QC/QA (1-16-01) | Attached |

*These Special Notes are included in the Supplemental Specifications.

**SPECIAL NOTE FOR ACCEPTANCE OF DENSITY
OF LONGITUDINAL JOINTS IN ASPHALT SURFACE PAVEMENTS**

This Special Note will apply when indicated on the plans or in the proposal. Section references herein are to the Department's 2000 Standard Specifications for Road and Bridge Construction.

1.0 DESCRIPTION. This note specifies additional density acceptance testing required for the longitudinal joint of asphalt surface mixtures compacted under Option A requirements. Due to the inherent difficulty of compacting longitudinal joints, conventional methods of compaction may not be adequate to achieve the desired level of density.

2.0 MATERIALS AND EQUIPMENT. Reserved.

3.0 CONSTRUCTION.

3.1 Acceptance. In addition to the responsibilities of Subsection 402.03.02 D), furnish 2 cores per subplot at a location randomly selected in the longitudinal direction by the Engineer according to KM 64-113. Select the transverse direction such that some part of the core circumference is within 3.0 ± 0.5 inches of the longitudinal joint.

By the end of the following workday, obtain the core(s) from the longitudinal joint as each lane of material is placed. Do not wait for the adjoining lane to be placed before obtaining the core(s) from the longitudinal joint.

4.0 MEASUREMENT. The Department will not measure the additional coring required by this note for payment and will consider it incidental to the asphalt mixture.

5.0 PAYMENT.

5.1 Lot Pay Adjustment. Contrary to Subsection 402.05.02, the Department will use the following Lot Pay Adjustment Schedule to assign pay values for AC, AV, VMA, Lane Density, and Joint Density within each subplot.

5.2 Joint Density Deductions. Due to a lack of experience with longitudinal joint density requirements, the Department will not enforce net project deductions resulting from Joint Density values as given in the Lot Pay Adjustment Schedule. However, when bonuses exceed deductions for asphalt mixture for the total project, the Department will apply the Joint Density values and pay the net difference.

LOT PAY ADJUSTMENT SCHEDULE

Lot Pay Adjustment = (Unit Price) (Quantity) [$\{0.05(\text{AC Pay Value}) + 0.25(\text{AV Pay Value}) + 0.25(\text{VMA Pay Value}) + 0.30(\text{Lane Density Pay Value}) + 0.15(\text{Joint Density Pay Value})\} - 1.00]$]

WEIGHTED VALUES					
	AC	AV	VMA	Lane Density	Joint Density
Weight (%)	5	25	25	30	15

AC	
Pay Value	Deviation From JMF (%)
1.00	$\leq \pm 0.5$
0.95	± 0.6
0.90	± 0.7
⁽¹⁾	$\geq \pm 0.8$

VMA	
Pay Value	Deviation From Minimum
1.00	$\geq \text{min. VMA}$
0.95	0.1-0.5 below min.
0.90	0.6-1.0 below min.
⁽¹⁾	> 1.0 below min.

AV	
Pay Value	Test Result (%)
1.05	3.5-4.5
1.00	3.0-5.0
0.95	2.5-5.5
0.90	2.0-6.0
⁽¹⁾	< 2.0 or > 6.0

LANE DENSITY	
Pay Value	Test Result (%)
1.05	94.0-96.0
1.00	92.0-93.9
0.95	91.0-91.9 or 96.1-96.5
0.90	90.0-90.9 or 96.6-97.0
⁽¹⁾	< 90.0 or > 97.0

JOINT DENSITY	
Pay Value	Test Result (%)
1.05	91.0-96.0
1.00	89.0-90.9
0.95	88.0-88.9 or 96.1-96.5
0.90	87.0-87.9 or 96.6-97.0
0.75	< 87.0 or > 97.0

⁽¹⁾ The Department will evaluate the acceptability of the work. When the Department allows the Contractor to leave the work in place, the Department will determine its value and may pay up to, but no case more than, 85 percent. In addition to the reduction in pay, the Department may require the Contractor to perform corrective action to the work.

June 4, 2002

SPECIAL NOTES APPLICABLE TO PROJECT

2000 SPECIFICATIONS

Any reference in the plans or in the proposal to the *Standard Specifications for Road and Bridge Construction, Edition of 1998*, and Standard Drawings, Edition of 2000 are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2000*, and Standard Drawings, Edition of 2003.

2001 SUPPLEMENTAL SPECIFICATIONS

The *2001 Supplemental Specifications* to the 2000 Standard Specifications for Road and Bridge Construction shall apply to this project.

PROPOSAL ADDENDA

All Addenda to this proposal must be incorporated into the proposal when the bid is submitted to the Kentucky Department of Highways. Failure to use the correct and most recent bid sheet(s) may result in the bid being rejected.

BID SUBMITTAL

Bidder must use the Department's Highway Bid Program available on the internet web site of Department of Highways, Division of Contract Procurement. (www.kytc.state.ky.us/contract)

The Bidder must download the bid items created from the web site to prepare a bid proposal for submission to the Department. The Bidder must insert the completed bid item sheets printed from the Program into the bidder's proposal and submit with the disk created by said program.

JOINT VENTURE BIDDING

Joint Venture bidding is permissible. However, both companies MUST purchase a bidding proposal. Either proposal may be submitted but must contain the company names and signatures of both parties where required. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

UNDERGROUND FACILITY DAMAGE PROTECTION

The contractor is advised that the Underground Facility Damage Protection Act of 1994, became law January 1, 1995. It is the contractor's responsibility to determine the impact of the act regarding this project, and take all steps necessary to be in compliance with the provisions of the act.

ASPHALT BASE PRICE

The Asphalt Base Price shall be \$210.00 (Metric) as applicable in Section 109.07 of the *2000 Standard Specifications*.

SPECIALITY ITEMS (STATE)

The following bid items are hereby designated "Specialty Items" within the meaning of the term as set forth in Subsection 108.01 of the *2000 Standard Specifications*.

Item 153 through Item 165.

SIGNALIZATION.

OPTION A

The Contractor is advised that the compaction of asphalt mixtures furnished for driving lanes and ramps, at 25mm (1 inch) or greater, on this project will be accepted according to OPTION A in accordance with Section 402 and Section 403 of the *2000 Standard Specification*. The compaction of all other asphalt mixtures will be accepted by OPTION B.

ASPHALT PAVEMENT RIDE QUALITY

Pavement Rideability Requirements shall apply on this project in accordance with Section 410 of the *2000 Standard Specifications*.

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 1

BARREN COUNTY

FD04 005 0068 010-013

PCN: 03-0462

Letting: 6/27/2003

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

METRIC

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
		BRIDGE AND CULVERT QUANTITIES			.	.
1	M 2231	STRUCTURE GRANULAR BACKFILL	155.40	CU M	.	.
		STRUCTURE EXCAVATION-COMMON (DELETED: 6-19-03)			.	.
2	M 8002	STRUCTURE EXCAV-SOLID ROCK	913.30	CU M	.	.
3	M 2998	MASONRY COATING	1,819.90	SQ M	.	.
4	M 8100	CONCRETE-CLASS A	1,747.50	CU M	.	.
5	M 8104	CONCRETE-CLASS AA	532.50	CU M	.	.
6	M 8020	CRUSHED AGGREGATE SLOPE PROT	994.00	M TON	.	.
7	M 8050	PILES-STEEL HP360X108	443.00	METER	.	.
8	M 8095	PILE POINTS-360 MM	36.00	EACH	.	.
9	M 8033	TEST PILES	59.00	METER	.	.
10	M 8151	STEEL REINF-EPOXY COATED	74,262.00	KG	.	.
11	M 8150	STEEL REINFORCEMENT	101,824.00	KG	.	.
12	M 8633	PRECAST PC I BEAM TYPE 3	568.00	METER	.	.
13	M 8039	PRE-DRILLING FOR PILES	135.00	METER	.	.
14	M 3299	ARMORED EDGE FOR CONCRETE	59.10	METER	.	.
15	M 8003	FOUNDATION PREPARATION (BRIDGE) (REVISED 6-19-03)	1.00	LP SUM	.	.
16	M 8003	FOUNDATION PREPARATION (CULVERT) (ADDED 6-19-03)	1.00	LP SUM	.	.
		ROADWAY QUANTITIES			.	.
17	M 2223	GRANULAR EMBANKMENT	17,617.00	CU M	.	.
18	M 2230	EMBANKMENT IN PLACE	421,027.00	CU M	.	.
19	M 2242	WATER	100.00	CU M	.	.
20	M 8100	CONCRETE-CLASS A	19.41	CU M	.	.

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METRIC

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
21	M 8150	STEEL REINFORCEMENT	448.80	KG	.	.
22	M 2690	SAFEOLOADING	4.00	CU M	.	.
23	M 2692	SETTLEMENT PLATFORM	2.00	EACH	.	.
24	M 2351	GUARDRAIL-STEEL W BEAM-S FACE	2,228.85	METER	.	.
25	M 2352	GUARDRAIL-STEEL W BEAM-D FACE	83.82	METER	.	.
26	M 2360	GUARDRAIL TERMINAL SECT NO 1	8.00	EACH	.	.
27	M 2369	GUARDRAIL END TREATMENT TY 2A	4.00	EACH	.	.
28	M 2373	GUARDRAIL END TREATMENT TYPE 3	3.00	EACH	.	.
29	M 2391	GUARDRAIL END TREATMENT TY 4A	3.00	EACH	.	.
30	M 2371	GUARDRAIL END TREATMENT TYPE 7	1.00	EACH	.	.
31	M 2363	GUARDRAIL CON TO BR END TYPE A	2.00	EACH	.	.
32	M 2387	GUARDRAIL CON TO BR END TY A-1	2.00	EACH	.	.
33	M 2397	TEMPORARY GUARDRAIL	100.00	METER	.	.
34	M 2365	CRASH CUSHION TYPE IX-A	2.00	EACH	.	.
35	M 6510	PAVE STRIPING-TEMP PAINT-100MM	3,666.00	METER	.	.
36	M 6514	PAVE STRIPING-PERM PAINT-100MM	14,837.00	METER	.	.
37	M 6517	PAVE STRIPING-PERM PAINT-300MM	700.00	METER	.	.
38	M 6567	PAVE MRKG-THERMO STOP BAR-300	91.00	METER	.	.
39	M 6589	PAVEMENT MARKER TYPE V-MW	122.00	EACH	.	.
40	M 6591	PAVEMENT MARKER TYPE V-BY	208.00	EACH	.	.
41	M 6592	PAVEMENT MARKER TYPE V-B W/R	140.00	EACH	.	.
42	M 9934	DRUMS	16.00	EACH	.	.
43	M 2562	SIGNS	52.92	SQ M	.	.
44	M 2014	BARRICADE-TYPE III	2.00	EACH	.	.
45	M 2091	REMOVE PAVEMENT	620.00	SQ M	.	.
46	M 2220	FLOWABLE FILL	15.00	CU M	.	.
47	M 0461	CULVERT PIPE-375 MM	186.30	METER	.	.

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Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
48	M 0462	CULVERT PIPE-450 MM	64.10	METER	.	.
49	M 0464	CULVERT PIPE-600 MM	234.30	METER	.	.
50	M 0466	CULVERT PIPE-750 MM	5.10	METER	.	.
51	M 0468	CULVERT PIPE-900 MM	64.80	METER	.	.
52	M 0470	CULVERT PIPE-1200 MM	122.70	METER	.	.
53	M 0526	STORM SEWER PIPE-750 MM	95.10	METER	.	.
54	M 0981	SLOTTED DRAIN PIPE-375 MM	18.00	METER	.	.
55	M 0440	ENTRANCE PIPE-375 MM	345.50	METER	.	.
56	M 0441	ENTRANCE PIPE-450 MM	12.00	METER	.	.
57	M 0443	ENTRANCE PIPE-600 MM	25.50	METER	.	.
58	M 1000	PERFORATED PIPE-100 MM	373.00	METER	.	.
59	M 1010	NON-PERFORATED PIPE-100 MM	40.00	METER	.	.
60	M 1024	PERF PIPE HEADWALL TY 2-100 MM	8.00	EACH	.	.
61	M 1032	PERF PIPE HEADWALL TY 4-100 MM	2.00	EACH	.	.
62	M 1480	CURB BOX INLET TYPE B	2.00	EACH	.	.
63	M 1490	DROP BOX INLET TYPE 1	2.00	EACH	.	.
64	M 1493	DROP BOX INLET TYPE 2	4.00	EACH	.	.
65	M 1505	DROP BOX INLET TYPE 5B	3.00	EACH	.	.
66	M 1517	DROP BOX INLET TYPE 5F	4.00	EACH	.	.
67	M 1432	SLOPED BOX OUTLET TY 1-375 MM	4.00	EACH	.	.
68	M 1450	S & F BOX INLET-OUTLET-450 MM	3.00	EACH	.	.
69	M 1451	S & F BOX INLET-OUTLET-600 MM	7.00	EACH	.	.
70	M 1452	S & F BOX INLET-OUTLET-750 MM	2.00	EACH	.	.
71	M 1660	SPRING BOX INLET TYPE A	1.00	EACH	.	.
72	M 5985	SEEDING AND PROTECTION	104,695.00	SQ M	.	.
73	M 5953	TEMP SEEDING AND PROTECTION	9,665.00	SQ M	.	.
74	M 5989	SPECIAL SEEDING CROWN VETCH	48,906.00	SQ M	.	.

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METRIC

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
75	M 5966	TOPDRESSING FERTILIZER	5.83	M TON	.	.
76	M 5950	EROSION CONTROL BLANKET	10,905.00	SQ M	.	.
77	M 2705	SILT CHECK	94.00	EACH	.	.
78	M 2708	CLEAN SILT CHECK	268.00	EACH	.	.
79	M 2701	TEMPORARY SILT FENCE	223.00	METER	.	.
80	M 2709	CLEAN TEMPORARY SILT FENCE	446.00	METER	.	.
81	M 2483	CHANNEL LINING CLASS II	1,713.00	M TON	.	.
82	M 2484	CHANNEL LINING CLASS III	1,417.50	M TON	.	.
83	M 2599	FABRIC-GEOTEXTILE TYPE IV	16,248.00	SQ M	.	.
84	M 2434	R/W MARKER RURAL TYPE 1	11.00	EACH	.	.
85	M 2437	R/W MARKER MUNICIPAL TYPE 1	2.00	EACH	.	.
86	M 2262	FENCE-WOVEN WIRE TYPE 1	3,809.00	METER	.	.
87	M 2282	PEDESTRIAN WOVEN WIRE GATE	1.00	EACH	.	.
88	M 1890	ISLAND HEADER CURB TYPE 1	41.00	METER	.	.
89	M 1897	ASPHALT WEDGE CURB	542.00	METER	.	.
90	M 2677	ASPH PAVE MILLING & TEXTURING	437.00	M TON	.	.
91	M 0078	CRUSHED AGGREGATE SIZE NO 2	7.00	M TON	.	.
92	M 0003	CRUSHED STONE BASE	40,740.00	M TON	.	.
93	M 0001	D G A BASE	8,220.00	M TON	.	.
94	M 0020	TRAFFIC BOUND BASE	566.00	M TON	.	.
95	M 0190	LEVELING & WEDGING PG64-22	192.00	M TON	.	.
96	M 0358	ASPHALT CURING SEAL	53.00	M TON	.	.
97	M 0291	EMULSIFIED ASPHALT RS-2	8.00	M TON	.	.
98	M 0100	ASPHALT SEAL AGGREGATE	68.00	M TON	.	.
99	M 0021	DRAINAGE BLANKET-EMBANKMENT	904.00	CU M	.	.
100	M 0013	LIME STABILIZED ROADBED	47,869.00	SQ M	.	.
101	M 0014	LIME	958.00	M TON	.	.

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METRIC

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
102	M 2702	SAND FOR BLOTTER	129.00	MTON	.	.
103	M 0338	ASPH PLACEMENT WITH MTV (ADDED 6/19/03)	32,116.00	MTON	.	.
104	M 0212	CL2 ASPH BASE 25.0D PG64-22	4,245.00	MTON	.	.
105	M 0214	CL3 ASPH BASE 25.0D PG64-22	27,599.00	MTON	.	.
106	M 0220	CL1 ASPH BASE 19.0D PG64-22	2,201.00	MTON	.	.
107	M 0221	CL2 ASPH BASE 19.0D PG64-22	1,098.00	MTON	.	.
108	M 0300	CL1 ASPH SURF 9.50D PG64-22	614.00	MTON	.	.
109	M 0301	CL2 ASPH SURF 9.50D PG64-22	436.00	MTON	.	.
110	M 0307	CL2 ASPH SURF 9.50B PG64-22	330.00	MTON	.	.
111	M 0309	CL2 ASPH SURF 12.5D PG64-22	1,318.00	MTON	.	.
112	M 0324	CL3 ASPH SURF 12.5B PG64-22	4,517.00	MTON	.	.
113	M 2545	CLEARING AND GRUBBING (17.3 HECTARES)	1.00	LP SUM	.	.
114	M 2726	STAKING	1.00	LP SUM	.	.
115	M 2650	MAINTAIN AND CONTROL TRAFFIC	1.00	LP SUM	.	.
116	M 2651	DIVERSIONS (BY-PASS DETOURS)	1.00	LP SUM	.	.
117	M 2676	MOBILIZATION FOR MILL & TEXT	1.00	LP SUM	.	.
118	M 2572	QUALITY CONTROL	1.00	LP SUM	.	.
		WATER AND SEWER RELOCATION			.	.
119	M 1099	DUCTILE IRON PIPE-300 MM (WATER MAIN IN TUNNEL) (BORE UNDER HIGHWAY)	30.00	METER	.	.
120	M 1099	DUCTILE IRON PIPE-300 MM (W. M. IN STL. CAS. PIPE) (UND. RDWY. BY OPEN CUT METH.)	68.50	METER	.	.
121	M 1099	DUCTILE IRON PIPE-300 MM (WATER MAIN IN STL. CAS. PIPE) (OUTSIDE RWY. BY OP CUT METH.)	33.00	METER	.	.

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Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
122	M 1099	DUCTILE IRON PIPE-300 MM (WATER MAIN UNDER ROADWAY)	43.00	METER	.	.
123	M 1099	DUCTILE IRON PIPE-300 MM (WATER MAIN OUTSIDE ROADWAY)	556.50	METER	.	.
124	M 1095	DUCTILE IRON PIPE-200 MM (FORCE MAIN IN STL. CAS. PIPE) (UNDER RWY. BY OPEN CUT METH.)	90.00	METER	.	.
125	M 1095	DUCTILE IRON PIPE-200 MM (FORCE MAIN IN STL. CAS. PIPE) (OUTSIDE RWY. BY OP.CUT METH.)	12.50	METER	.	.
126	M 1095	DUCTILE IRON PIPE-200 MM (FORCE MAIN OUTSIDE RDWY.)	75.50	METER	.	.
127	M 1093	DUCTILE IRON PIPE-150 MM (WATER MAIN IN TUNNEL) (BORE UNDER ROADWAY)	10.00	METER	.	.
128	M 1093	DUCTILE IRON PIPE-150 MM (WATER MAIN IN CASING PIPE) (UNDER ROADWAY)	25.00	METER	.	.
129	M 1093	DUCTILE IRON PIPE-150 MM (WATER MAIN IN CASING PIPE) (OUTSIDE ROADWAY)	1.00	METER	.	.
130	M 1093	DUCTILE IRON PIPE-150 MM (WATER MAIN UNDER ROADWAY)	23.00	METER	.	.
131	M 1093	DUCTILE IRON PIPE-150 MM (WATER MAIN OUTSIDE ROADWAY)	479.00	METER	.	.
132	M 3385	PVC PIPE-150 MM (WATER MAIN IN CASING PIPE) (UNDER ROADWAY)	76.00	METER	.	.
133	M 3385	PVC PIPE-150 MM (WATER MAIN IN CASING PIPE) (OUTSIDE ROADWAY)	6.00	METER	.	.
134	M 3385	PVC PIPE-150 MM (WATER MAIN UNDER ROADWAY)	162.00	METER	.	.
135	M 3385	PVC PIPE-150 MM (WATER MAIN OUTSIDE ROADWAY)	1,097.00	METER	.	.

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Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
136	M 9725	COPPER SERVICE TUBING (18.75-50MM TYPE "K") (OUTSIDE ROADWAY)	115.00	METER	.	.
137	M 9924	REMOVE AND RESET METER	15.00	EACH	.	.
138	M 9925	SERVICE TAP (18.75-50MM ON NEW PVC) (AND/OR DIP WATER MAINS)	20.00	EACH	.	.
139	M 3437	RECONNECT EXISTING SERVICE (18.75-50MM)	20.00	EACH	.	.
140	M 9392	BUTTERFLY VALVE (300MM WITH VALVE BOX)	6.00	EACH	.	.
141	M 3526	GATE VALVE-150 MM (WITH VALVE BOX)	23.00	EACH	.	.
142	M 3442	DUCTILE IRON FITTINGS	1,913.00	KG	.	.
143	M 2606	FIRE HYDRANT	10.00	EACH	.	.
144	M 3436	REMOVE-REINSTALL FIRE HYDRANT	4.00	EACH	.	.
145	M 3495	AIR RELEASE VALVE	1.00	EACH	.	.
146	M 3479	TIE-IN (TO EXISTING DIP AND/OR PVC) (WATER MAIN AND FORCE MAINS)	7.00	EACH	.	.
147	M 3443	CUT CAP & BLOCK (EXISTING DIP AND/OR PVC) (WATER MAINS AND FORCE MAINS)	7.00	EA	.	.
148	M 9523	GRAVEL REPLACEMENT	126.00	METER	.	.
149	M 9052	PAVEMENT RESTORATION	31.50	METER	.	.
150	M 9711	ASPHALT PATCHING (TYPE "A")	20.00	LIN FT	.	.
151	M 9704	CONC FOR CRADLE,ANCHOR,ENCASE	18.00	CU M	.	.
152	M 9926	TOPSOIL AND SEEDING OF TRENCH	2,208.00	METER	.	.
		SIGNALIZATION QUANTITIES			.	.
153	M 4885	MESSENGER-48.0 KN	195.00	METER	.	.

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 8

BARREN COUNTY

FD04 005 0068 010-013

PCN: 03-0462

Letting: 6/27/2003

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

METRIC

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
154	M 4811	JUNCTION BOX TYPE B	7.00	EACH	.	.
155	M 4820	TRENCHING AND BACKFILLING	350.00	METER	.	.
156	M 4895	LOOP SAW SLOT AND FILL	366.00	METER	.	.
157	M 4931	INSTALL CONTROLLER-TYPE 170	1.00	EACH	.	.
158	M 4932	INSTALL STEEL STRAIN POLE	4.00	EACH	.	.
159	M 9618	INSTALL SIGNAL (LED 3 SECTION)	5.00	EACH	.	.
160	M 9618	INSTALL SIGNAL (LED 5 SECTION)	1.00	EACH	.	.
161	M 4793	CONDUIT-31 MM	138.00	METER	.	.
162	M 4795	CONDUIT-50 MM	197.00	METER	.	.
163	M 4830	LOOP WIRE	1,005.00	METER	.	.
164	M 4845	CABLE-NO. 14/7C	207.00	METER	.	.
165	M 4850	CABLE-NO. 14/1 PAIR	2,278.00	METER	.	.
166	M 2568	MOBILIZATION	1.00	LP SUM	.	.
167	M 2569	DEMOBILIZATION	1.00	LP SUM	.	.
168		TOTAL BID			\$.